

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	398	machida-kenichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:28
S2	8	etou-takeshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:28
S3	405	S1 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:28
S4	3610	(123/90.15,90.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 15:44
S5	40	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:44
S6	6	((("6260524") or ("20020100440") or ("20040103887"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 13:10
S7	802610	target desired	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39
S8	1216210	actual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39
S9	3316	operating adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39
S10	8963	valve adj lift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39

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S11	459871	deviation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39
S12	29	S7 and S8 and S9 and S10 and S1 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:39
S13	23290299	@ad<"20021203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:45
S14	13	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:40
S15	69652	feedback adj control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:46
S16	318	S4 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:46
S17	213	S13 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 08:48
S21	2992027	motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 09:09
S22	1530	S4 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 09:09
S23	179	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 09:10

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S24	82	S4 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 09:10
S25	37	S13 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 09:42
S26	0	(2002/0092491).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/23 09:43
S27	2	("20020092491").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/23 09:53
S28	3	("5943897").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/23 10:33
S29	6	pianetto-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 10:33
S30	1	mccarthey-morgan.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 10:33
S31	14	alexander-gus.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 10:33
S32	1	S29 and S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 12:07
S33	153471	open\$3 near2 tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:22

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S34	145464	clos\$3 near2 tim\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:22
S35	55925	operat\$3 near3 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:23
S36	131	S33 with S34 with S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:23
S37	23295400	@ad<"20021203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:29
S38	71	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:35
S39	10	calculate near2 (operation adj angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:35
S40	7	S37 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:36
S41	59	target adj operating adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S42	0	desired adj operating adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:36
S43	45	actual adj operating adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:37

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S44	34	S41 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:37
S45	17	S44 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:37
S46	3326	operating adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:47
S47	48	S46 with (feedback adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:52
S48	69	S46 with (feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:52
S49	21	S48 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:55
S50	277	S46 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:55
S51	150	S46 and (feedback adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:55
S52	76	S51 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:55
S53	3627	(123/90.15,90.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 12:56

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S54	17	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 12:56
S55	32	S41 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:01
S56	398	machida-kenichi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S57	8	etou-takeshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S58	405	S56 S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S59	3627	(123/90.15,90.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 13:05
S60	40	S58 and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S61	12	S44 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:05
S62	5659	operating near angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:10
S63	68	S62 same (feedback adj control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:11

## EAST Search History

S64	36	S63 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:16
S65	69852	feedback adj control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:17
S66	3765	S65 with error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:17
S67	15	S53 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 13:17
S68	20370	(desired target) near4 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:44
S69	15517	actual near4 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:44
S70	1168	S68 with S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:44
S71	5516	(123/90.15,90.16,90.17,90.31). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/08 15:45
S72	118	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:45
S73	23295400	@ad<"20021203"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:45

## EAST Search History

S74	69	S72 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/08 15:45
S75	10	("4960083"   "4960094"   "4960095"   "4996954"   "5024191"   "5367992"   "5509383"   "5529034"   "5738053"   "5829399").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 16:11
S76	28337	(actual desired target) near5 angle	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 16:12
S77	324	S76 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 16:12
S78	200	S77 and S73	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 16:12
S79	132	S78 not S74	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 16:12